Title (en)

DISPLAY DEVICE COMPRISING A PROJECTOR ON THE REAR SIDE OF A PROJECTION AREA

Title (de)

ANZEIGEVORRICHTUNG UMFASSEND EINEN PROJEKTOR AUF DER RÜCKSEITE EINER PROJEKTIONSFLÄCHE

Title (fr)

DISPOSITIF D'AFFICHAGE COMPRENANT UN PROJECTEUR À L'ARRIÈRE D'UNE SURFACE DE PROJECTION

Publication

EP 3687848 B1 20220720 (DE)

Application

EP 18779297 A 20180919

Priority

- DE 102017217023 A 20170926
- EP 2018075383 W 20180919

Abstract (en)

[origin: WO2019063388A1] Motor vehicle comprising at least one display device (3), the display device (3) comprising a projector (5) and a projection area (4), on the rear side of which the projector (3) projects the represented information that can be recognized from the front side, the size of the projection area (4) being variable.

IPC 8 full level

B60K 35/00 (2006.01); **G03B 21/58** (2014.01)

CPC (source: EP US)

B60K 35/00 (2013.01 - EP); **B60K 35/211** (2024.01 - EP); **B60K 35/213** (2024.01 - EP); **B60K 35/22** (2024.01 - EP); **B60K 35/223** (2024.01 - EP); **B60K 35/53** (2024.01 - EP); **B60K 35/60** (2024.01 - US); **G03B 21/58** (2013.01 - EP US); **G03B 29/00** (2013.01 - EP); **H04N 9/3188** (2013.01 - US); B60K 35/22 (2024.01 - US); B60K 2360/334 (2024.01 - EP); B60K 2360/66 (2024.01 - US)

Citation (examination)

- EP 1517549 A2 20050323 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- US 2002171637 A1 20021121 - KADOWAKI SATORU [JP], et al

Cited by

EP4375108A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102017217023 A1 20190328; **DE 102017217023 B4 20221103**; CN 111132869 A 20200508; EP 3687848 A1 20200805; EP 3687848 B1 20220720; US 11388379 B2 20220712; US 2021203898 A1 20210701; WO 2019063388 A1 20190404

DOCDB simple family (application)

DE 102017217023 A 20170926; CN 201880062010 A 20180919; EP 18779297 A 20180919; EP 2018075383 W 20180919; US 201816650609 A 20180919